

CALFED Alternatives

Current Short List of 10

- | | |
|---|---|
| A. Extensive Demand Management | F. Extensive Habitat Restoration with Storage |
| B. New Storage to Improve Delta Flow | G. East Side Foothills Conveyance |
| C. Dual Delta Conveyance | H. Chain of Lakes Conveyance |
| D. Through Delta Conveyance | I. Westside Conveyance and River Restoration |
| E. Delta Channel Habitat and Conveyance | J. East Side Conveyance |

CALFED Alternatives

Key Differences

- Isolated conveyance vs non-isolated conveyance
- Significant storage vs little if any new storage
- Relocate export diversion points
- Extensive ecosystem quality vs modest or moderate

19

CALFED Alternatives

Key Issues:

- Sizing of an isolated conveyance
- Cost
- Water quality
- Guarantees and assurances

20

MWD Evaluation Criteria

Purpose:

Identify MWD's needs

Tool for evaluating alternatives

Based on IRP

21

Evaluation Criteria

Environmental Protection

- Regulatory certainty
- Permitting
- Ecosystem (habitat-based) approach

22

Evaluation Criteria

Delta Water Quality

- Drinking water quality to meet current and future standards (For THMs: 100 to 40 µg/l)
- Control TOC and Bromide levels
- TDS & Blending

| | |
|---|------------------------------|
| 1) \$1.5 billion SWP program | Assume \$3 Billion Delta Fix |
| 2) \$120 million debt service/yr | Assume No Delta Fix |
| 3) MWD's share = \$60 million conserv., reclam., etc.) | |
| 4) Avg. MWD rate impact | |
| 5) Avg. retail impact = \$15/AF | |
| 6) Avg. family impact = \$65/mo | |
| 5) Avg. family impact ~ \$2/mo | |
| 4) Avg. retail impact ~ \$45/AF | |
| = \$180 million per year | |
| = \$600 /AF x 300,000 AFY | |
| 3) Rate impact | |
| 2) Assume \$600 /AF (covers | |
| 300,000 AFY | |
| 1) Develop base supply of | |

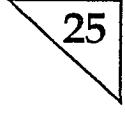
Costs - Example

24

| Costs |
|--|
| • Equitable allocation of costs to beneficiaries |
| • Costs for resource development with Delta |
| improvements < costs of water with alternative |
| IRP resource mix |
| • Incremental SWP costs under \$300/AF |

Evaluation Criteria

23

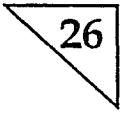


25

Evaluation Criteria

Delta Water Supply

- 1.8 MAF in normal year
- 1 MAF in dry year



26

Evaluation Criteria

Infrastructure Reliability

- Resume full services after 6-month stoppage
- *Greater costs placed on water providers requiring emergency service from State/Federal facilities*